

FORM PTO-1390 (REV 11-2000)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NUMBER 227-139
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 09/806324 Unknown
INTERNATIONAL APPLICATION NO. PCT/FI99/00800	INTERNATIONAL FILING DATE 29 September 1999	PRIORITY DATE CLAIMED 30 September 1998

TITLE OF INVENTION
METHOD OF PROCESSING A PROTEINOUS MATERIAL, A PRODUCT SO OBTAINED, AND USE THEREOF

APPLICANT(S) FOR DO/EO/US
VAARALA et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 34
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has **NOT** expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 To 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information.

29 MAR 2001

U.S. APPLICATION NO. (known) 806324 Unknown		INTERNATIONAL APPLICATION NO. PCT/FI99/00800		ATTORNEY'S DOCKET NUMBER 227-139	
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<p>21. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</p> <ul style="list-style-type: none"> -- Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO\$1000.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO\$860.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO\$710.00 -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)\$690.00 -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)\$100.00 <p style="text-align: center;">ENTER APPROPRIATE BASIC FEE AMOUNT =</p> <p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:20%;">CLAIMS</th> <th style="width:15%;">NUMBER FILED</th> <th style="width:15%;">NUMBER EXTRA</th> <th style="width:10%;">RATE</th> <th style="width:10%;">X</th> <th style="width:10%;">RATE</th> <th style="width:10%;">\$</th> <th style="width:10%;"></th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>12</td> <td>-20 =</td> <td>0</td> <td>X</td> <td>\$18.00</td> <td>\$</td> <td>0.00</td> </tr> <tr> <td>Independent Claims</td> <td>1</td> <td>-3 =</td> <td>0</td> <td>X</td> <td>\$80.00</td> <td>\$</td> <td>0.00</td> </tr> <tr> <td colspan="6">MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</td> <td>\$270.00</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="6" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$</td> <td>1130.00</td> </tr> </tbody> </table> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</p> <p style="text-align: right;">SUBTOTAL = \$ 1130.00</p> <p>Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).</p> <p style="text-align: right;">TOTAL NATIONAL FEE = \$ 1130.00</p> <p>Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property + \$ 0.00</p> <p>Fee for Petition to Revive Unintentionally Abandoned Application (\$1240.00 - Small Entity = \$620.00) \$ 0.00</p> <p style="text-align: right;">TOTAL FEES ENCLOSED = \$ 1130.00</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;"></td> <td style="width:10%;">Amount to be:</td> <td style="width:10%;">\$</td> <td style="width:10%;"></td> </tr> <tr> <td></td> <td>refunded</td> <td>\$</td> <td></td> </tr> <tr> <td></td> <td>Charged</td> <td>\$</td> <td></td> </tr> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	X	RATE	\$		Total Claims	12	-20 =	0	X	\$18.00	\$	0.00	Independent Claims	1	-3 =	0	X	\$80.00	\$	0.00	MULTIPLE DEPENDENT CLAIMS(S) (if applicable)						\$270.00	\$ 0.00	TOTAL OF ABOVE CALCULATIONS =						\$	1130.00		Amount to be:	\$			refunded	\$			Charged	\$		<p style="text-align: center;">CALCULATIONS PTO USE ONLY</p>	
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a. ☒ A check in the amount of \$1130.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.

d. ☒ The entire content of the foreign application(s), referred to in this application is/are hereby incorporated by reference in this application.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

NIXON & VANDERHYE P.C.
1100 North Glebe Road, 8th Floor
Arlington, Virginia 22201-4714
Telephone: (703) 816-4000

SIGNATURE

Michael J. Keenan
NAME

32,106 **March 29, 2001**
REGISTRATION NUMBER Date